TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL

COMMUNICATION STATION, ... INVENTORS: Takafumi Terahara, et al.

SERIAL NO.: DOCKET NO.: 1460.1022D

FIG.1A **PRIOR ART**

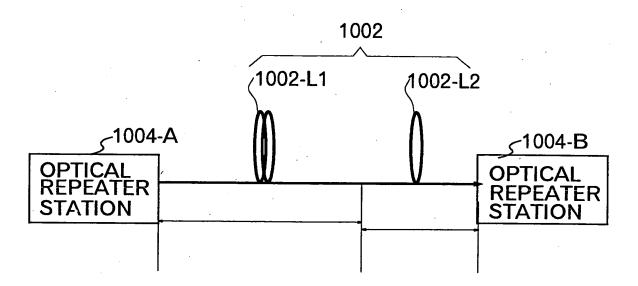
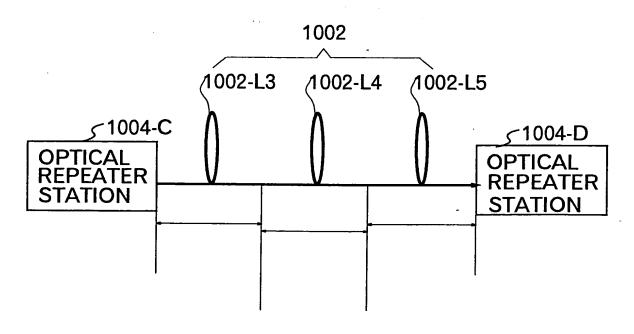


FIG.1B PRIOR ART



TITLE: DISTRIBUTED OPTICAL AMPLIFYING

APPARATUS, OPTICAL
COMMUNICATION STATION, . . .
INVENTORS: Takafumi Terahara, et al.

SERIAL NO.:

DOCKET NO.: 1460.1022D

FIG.2A PRIOR ART

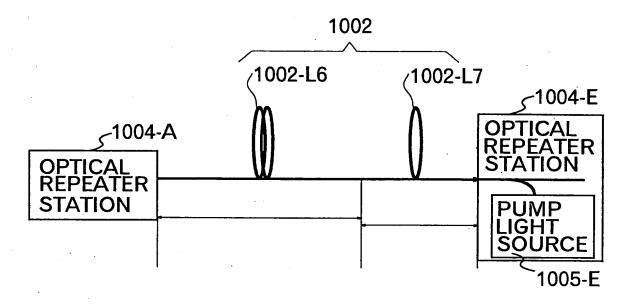
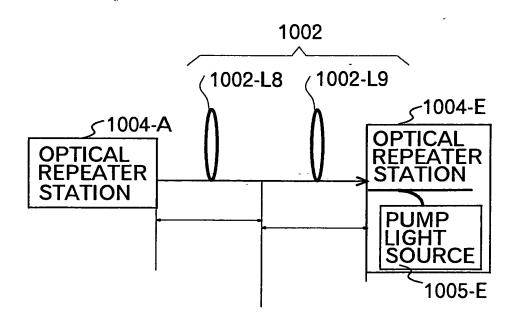


FIG.2B PRIOR ART



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.: DOCKET NO.: 1460.1022D RECEIVING STATION **OPTICAL** 102 - a + 1102 REPEATER STATION (104-a **OPTICAL** 102 102-a REPEATER OPTICAL STATION 104-a-1 multiple, repeater stations 102 REPEATER **OPTICAL** STATION REPEATER STATION 104 OPTICAL 102 102-1

MITTING STATION

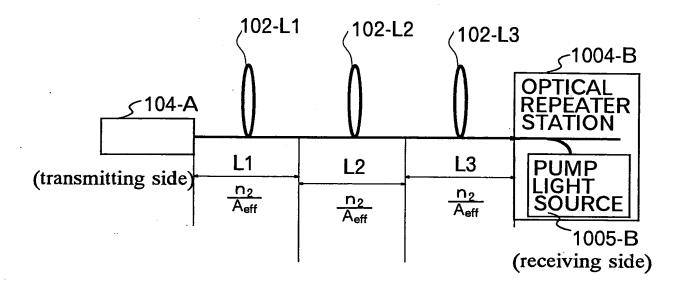
OPTICAL TRANS- TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . .

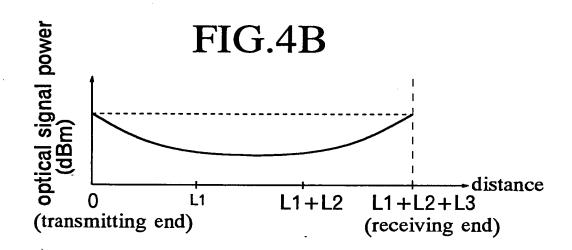
INVENTORS: Takafumi Terahara, et al.

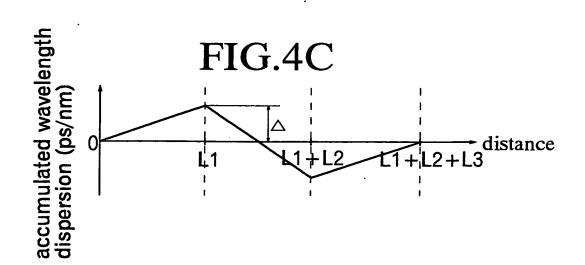
SERIAL NO.:

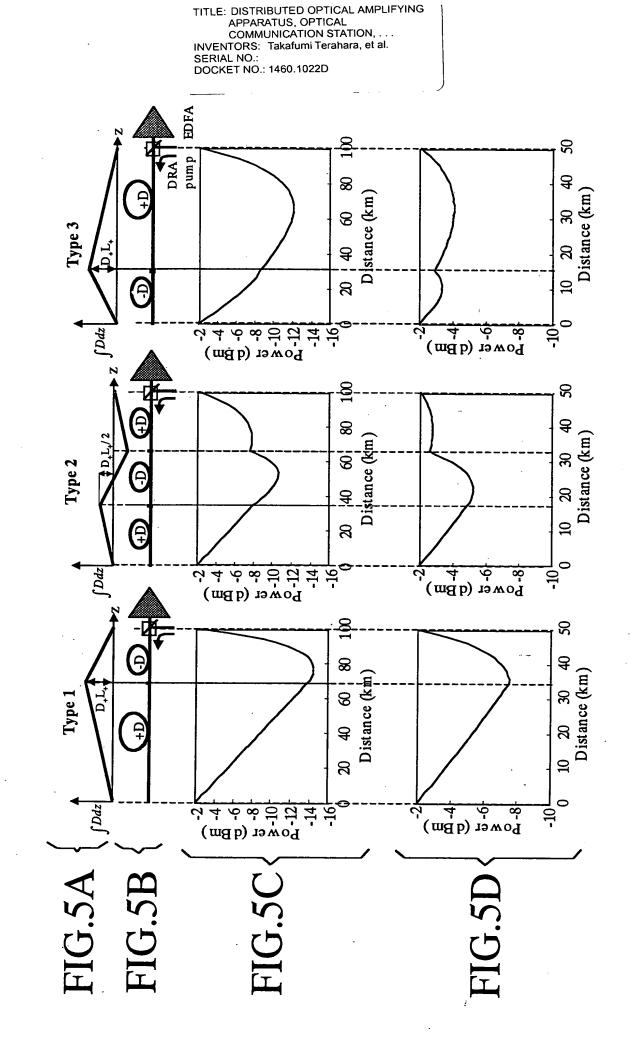
DOCKET NO.: 1460.1022D

FIG.4A









TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, ... INVENTORS: Takafumi Terahara, et al.

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FIG.6

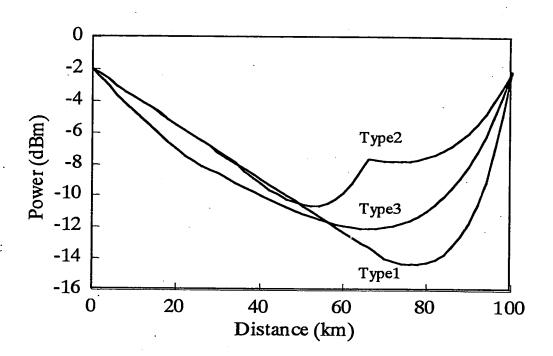
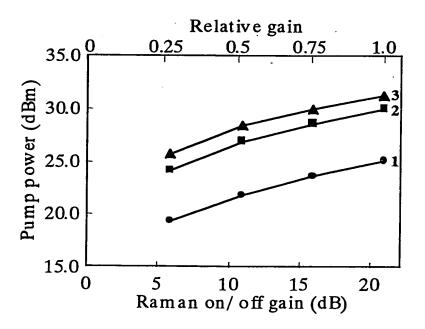


FIG.7



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al.

SERIAL NO.: DOCKET NO.: 1460.1022D

FIG.8

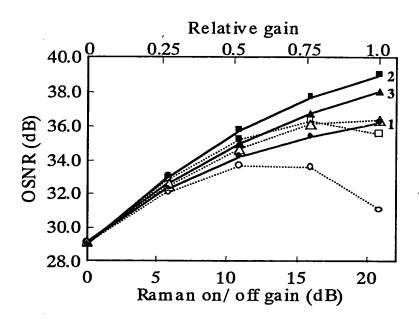
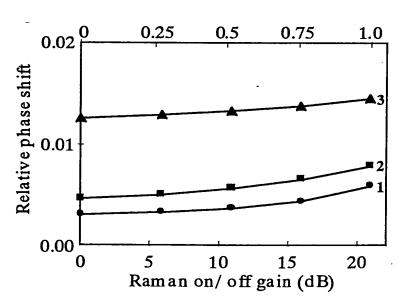


FIG.9



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . .

INVENTORS: Takafumi Terahara, et al.

SERIAL NO.:

DOCKET NO.: 1460.1022D

FIG.10A

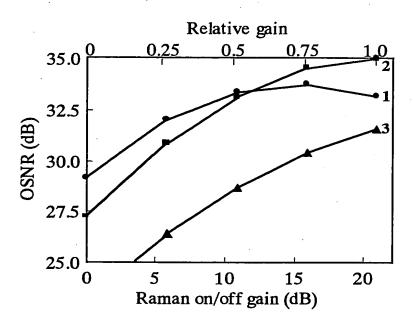
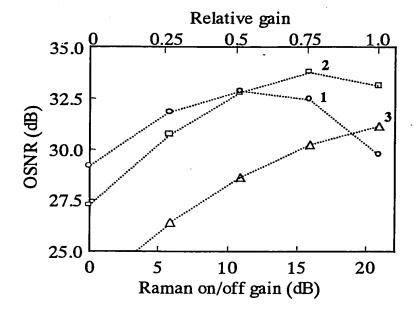
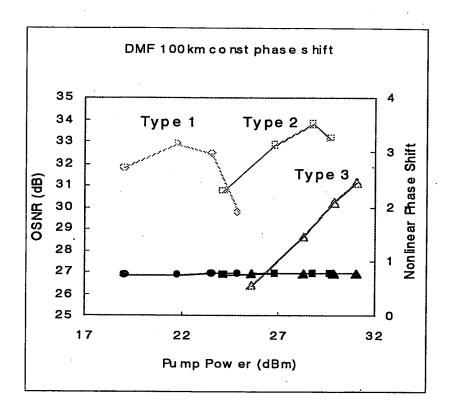


FIG.10B



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.: DOCKET NO.: 1460.1022D

FIG.11



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.: DOCKET NO.: 1460.1022D

TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al.

DOCKET NO : 1460 1022D

FIG.13A

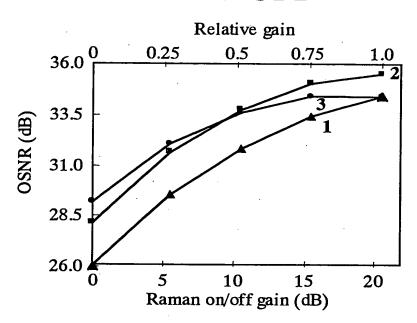
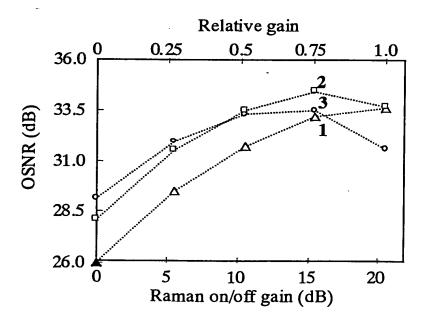


FIG.13B



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.:

FIG.14A

100km

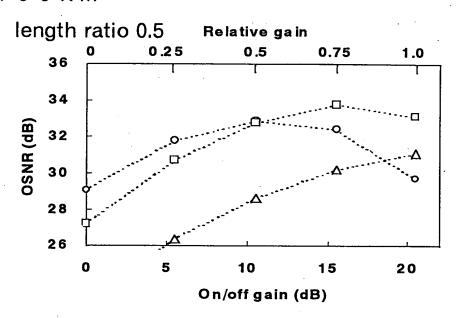
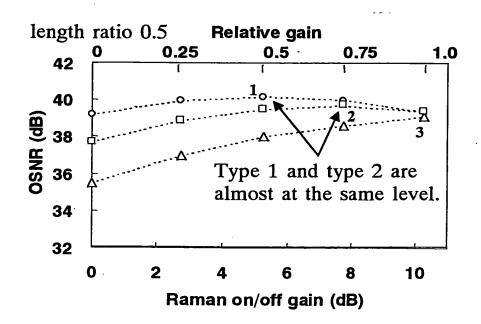


FIG.14B

50km



TITLE: DISTRIBUTED OPTICAL AMPLIFYING `APPARATUS, OPTICAL

COMMUNICATION STATION, . INVENTORS: Takafumi Terahara, et al.

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FIG.15A

100km

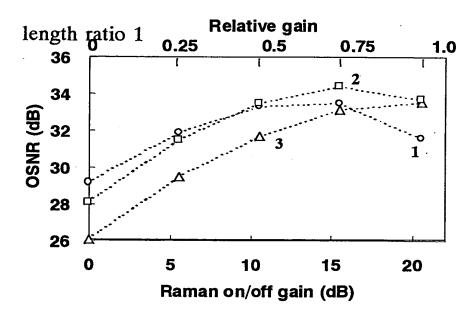
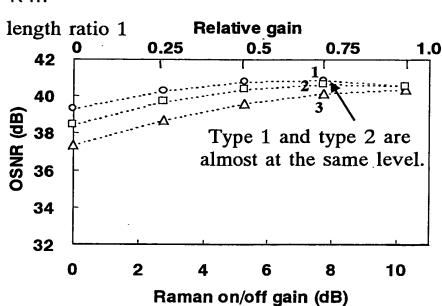


FIG.15B

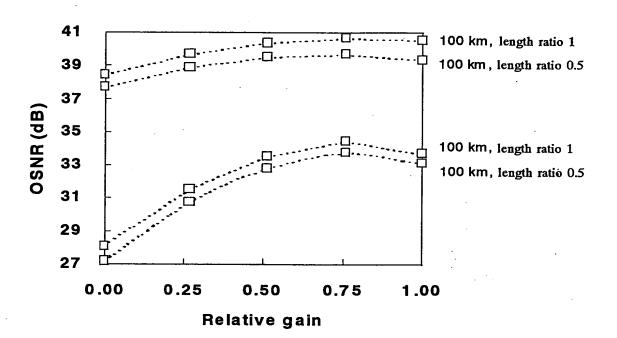
50 km



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . .

INVENTORS: Takafumi Terahara, et al. SERIAL NO.: DOCKET NO.: 1460.1022D

FIG.16



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.: DOCKET NO.: 1460.1022D

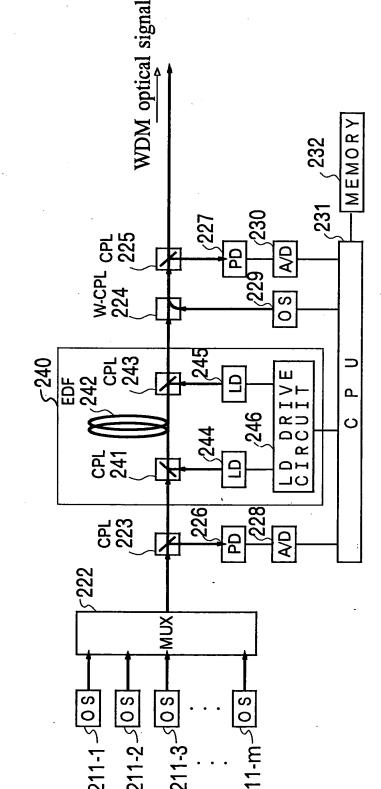
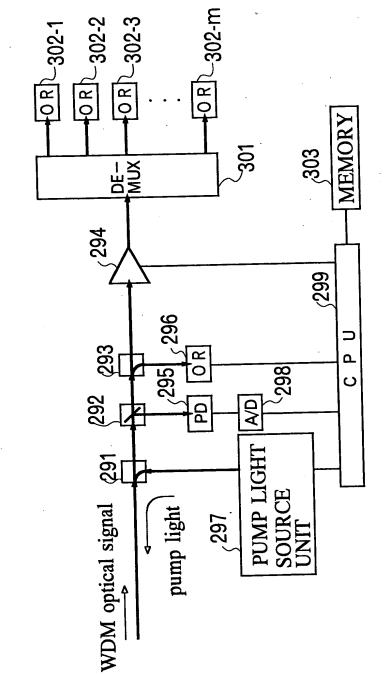


FIG. 18

TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.:

 E_i^{\prime}

DOCKET NO.: 1460.1022D



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, ... INVENTORS: Takafumi Terahara, et al. SERIAL NO .:

DOCKET NO.: 1460.1022D

FIG.20A

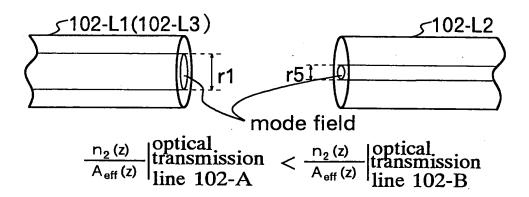


FIG.20B

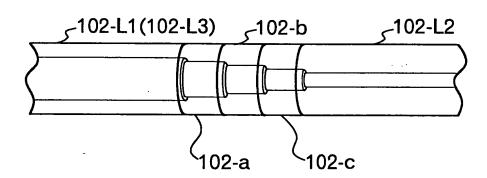
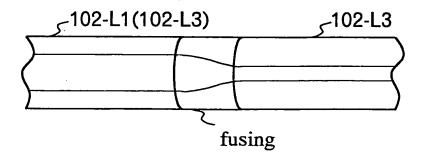


FIG.20C



TITLE: DISTRIBUTED OPTICAL AMPLIFYING APPARATUS, OPTICAL COMMUNICATION STATION, . . . INVENTORS: Takafumi Terahara, et al. SERIAL NO.: DOCKET NO.: 1460.1022D

FIG.21

